

**SAFETY DATA SHEET**

Cavex ImpreSafe

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****Product identifier**

**Product name** : Cavex ImpreSafe  
**Other means of identification** : None.  
**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses** : Disinfectant.

**Details of the supplier of the safety data sheet****National contact**

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**National advisory body/Poison Centre/Emergency telephone number**

**Telephone number** : +31 23 530 7700 (Office hours)

**SECTION 2: Hazards identification****Classification of the substance or mixture**

**Product definition** : Preparation

**Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

H302 - ACUTE TOXICITY: INHALATION Category 4.  
 H314 - SKIN CORROSION/IRRITATION Category 1B.  
 H400 - AQUATIC TOXICITY (ACUTE) Category 1.

**Classification according to Directive 67/548/EEC [DSD]****Europe**

Xn; R22  
 C; R34  
 N; R50/53

**Classification according to Directive 1999/45/EC [DPD]****Europe**

Xn; R22  
 C; R34  
 N; R50/53

See Section 16 for the full text of the R phrases or H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

**Label elements****Hazard pictograms****Signal word**

: Warning

**Hazard statements**

: H302 - Harmful if swallowed.  
 H314 - Causes severe skin burns and eye damage.  
 H400 - Very toxic to aquatic life.

**Precautionary statements****Prevention**

: P273 - Avoid release to the environment.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 - Immediately call a POISON CENTER or doctor/physician.

**Date of issue/Date of revision**

: 3-2-2014.

**Date of previous issue**

: 3-12-2009

**Version** : 1.01

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## SECTION 2: Hazards identification

### Europe



Corrosive, Dangerous for the environment

### Risk phrases

- : R22- Harmful if swallowed.
- R34- Causes burns.
- R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Safety phrases

- : S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S29- Do not empty into drains.
- S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.
- S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- S61- Avoid release to the environment. Refer to special instructions/safety data sheet.

### Hazardous ingredients

- : Alkylbenzyltrimethylammonium chloride

### Supplemental label elements

- : None.

### Other hazards

Other hazards which do not result in classification : None.

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII : Not applicable.

Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII : Not applicable.

## SECTION 3: Composition/information on ingredients

Substance/mixture : Preparation

Product/ingredient name	Identifiers	%	Classification		Type
			67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	
Europe Alkylbenzyltrimethylammonium chloride	CAS: 68391-01-5 EC: 269-919-4	25-35	Xn; R22 C; R34 N; R50/53	H302, H314, H400	-

### Type

1: Occupational exposure limits, if available, are listed in Section 8.

## SECTION 4: First aid measures

### Description of first aid measures

- Eye contact** : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention.
- Inhalation** : Supply fresh air, consult a doctor in case of symptoms.
- Skin contact** : Rinse with plenty of running water. Get medical attention if irritation develops.
- Ingestion** : Do NOT induce vomiting. Rinse mouth. Have conscious person drink several glasses of water or milk. Get medical attention immediately.
- Protection of first-aiders** : Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

### Most important symptoms and effects, both acute and delayed

#### Potential acute health effects

- Eye contact** : Corrosive to eyes. Causes burns.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Corrosive to the skin. Causes burns. Harmful in contact with skin.
- Ingestion** : Harmful if swallowed. May cause burns to mouth, throat and stomach.  
LD 50 orally rat Alkylbenzyltrimethylammonium chloride: 240 mg/kg  
LD 50 dermal rat Alkylbenzyltrimethylammonium chloride: 650 mg/kg

Date of issue/Date of revision : 3-2-2014. Date of previous issue : 3-12-2009 Version : 1.01 2/6

**SECTION 4: First aid measures****Indication of any immediate medical attention and special treatment needed****Notes to physician** : Corrosive to eyes and skin.**Specific treatments** : Not available.**SECTION 5: Firefighting measures****Extinguishing media****Suitable extinguishing media** : Non-combustible. Use an extinguishing agent suitable for the surrounding fire.**Unsuitable extinguishing media** : None known.**Special hazards arising from the substance or mixture****Hazards from the substance or mixture** : None.**Hazardous thermal decomposition products** : No known significant effects or critical hazards.**Advice for firefighters****Special protective actions for fire-fighters** : This material is toxic to aquatic organisms.**Special protective equipment for fire-fighters** : Nitrile gloves.**Additional information** : No additional remark.**SECTION 6: Accidental release measures****Personal precautions, protective equipment and emergency procedures****For non-emergency personnel** : Wear suitable gloves.**For emergency responders** : Wear suitable gloves.**Environmental precautions** : Do not allow to enter drains or watercourses.**Methods and materials for containment and cleaning up****Small spill** : Absorb with liquid-binding material (sand, diatomite, universal binders etc.) or use a spill kit.**Large spill** : Absorb with an inert material and place in an appropriate waste disposal container.**Reference to other sections** : See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.**SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

**Precautions for safe handling****Protective measures** : Store in a dry place.**Advice on general occupational hygiene** : Store in a dry place.**Conditions for safe storage, including any incompatibilities** : No specific storage is required.**SECTION 8: Exposure controls/personal protection**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

**Control parameters****Occupational exposure limits****Europe**

No exposure limit value known.

**Recommended monitoring procedures** : The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.**DNELs/DMELs** : No DNELs/DMELs available.**PNECs** : No PNECs available**Exposure controls****Appropriate engineering controls** : The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

## SECTION 8: Exposure controls/personal protection

### Individual protection measures

**Hygiene measures** : Wash thoroughly after handling.

**Eye/face protection** : Safety glasses.

### Skin protection

**Hand protection** : Nitrile gloves.

**Body protection** : Lab coat.

**Other skin protection** : Wash with soap and water.

**Respiratory protection** : No special protection is required.

**Environmental exposure controls** : Do not allow to enter drains or watercourses.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

#### Appearance

**Physical state** : Liquid.

**Colour** : Colourless to light yellow.

**Odour** : Aromatic.

**pH** : 11.5

**Melting point/freezing point** : No results available.

**Initial boiling point and boiling range** : No results available.

**Flash point** : No results available.

**Relative density** : 1.0 g/cm<sup>3</sup>

**Solubility in water** : Easily soluble in cold water, hot water, methanol, diethyl ether, n-octanol and acetone.

**Auto-ignition temperature** : No results available.

**Decomposition temperature** : No results available.

**Viscosity** : No results available.

**Oxidising properties** : No results available.

**Other information** : No additional information.

## SECTION 10: Stability and reactivity

**Reactivity** : No additional information.

**Chemical stability** : The product is stable.

**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** : No specific data.

**Incompatible materials** : Reactive with acids

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### Information on toxicological effects

**Acute toxicity** : Based on available data, the classification criteria are not met.

**Irritation/Corrosion** : Irritating to eyes.

**Sensitisation** : Based on available data, the classification criteria are not met.

**Mutagenicity** : Based on available data, the classification criteria are not met.

**Carcinogenicity** : Based on available data, the classification criteria are not met.

**Reproductive toxicity** : Based on available data, the classification criteria are not met.

**Teratogenicity** : Based on available data, the classification criteria are not met.

### Potential acute health effects

**Eye contact** : Corrosive to eyes. Causes burns.

**Inhalation** : No known significant effects or critical hazards.

Cavex ImpreSafe

## SECTION 11: Toxicological information

<b>Skin contact</b>	: Corrosive to the skin. Causes burns. Harmful in contact with skin.
<b>Ingestion</b>	: Harmful if swallowed. May cause burns to mouth, throat and stomach. LD 50 orally rat Alkylbenzyltrimethylammonium chloride: 240 mg/kg LD 50 dermal rat Alkylbenzyltrimethylammonium chloride: 650 mg/kg
<b>Potential chronic health effects</b>	: No known significant effects or critical hazards.
<b>Other information</b>	: No additional information.

## SECTION 12: Ecological information

<b>Toxicity</b>	: No results available.
<b>Persistence and degradability</b>	: No results available.
<b>Bioaccumulative potential</b>	: No results available.
<b>Mobility in soil</b>	: No results available.
<b>Results of PBT and vPvB assessment</b>	
<b>PBT</b>	: Not applicable.
<b>vPvB</b>	: Not applicable.
<b>Other adverse effects</b>	:

## SECTION 13: Disposal considerations

### Waste treatment methods





#### Product

<b>Methods of disposal</b>	: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
<b>Hazardous waste</b>	: No.

#### Packaging

<b>Methods of disposal</b>	: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
<b>Special precautions</b>	: None.

## SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
<b>UN number</b>	1903	1903	1903	1903
<b>UN proper shipping name</b>	Disinfectant. CORROSIVE LIQUID, N.O.S.(Benzyl-C12-18-alkyldimethylammonium chloride)	Disinfectant. CORROSIVE LIQUID, N.O.S.(Benzyl-C12-18-alkyldimethylammonium chloride)	Disinfectant. CORROSIVE LIQUID, N.O.S.(Benzyl-C12-18-alkyldimethylammonium chloride)	Disinfectant. CORROSIVE LIQUID, N.O.S.(Benzyl-C12-18-alkyldimethylammonium chloride)
<b>Transport hazard class(es)</b>	8 	8 	8 	8 
<b>Packing group</b>	III	III	III	III
<b>Environmental hazards</b>				
<b>Additional information</b>	<b>Limited quantity</b> LQ7	-	<b>Emergency schedules (EmS)</b> F-A, S-B	-

**Special precautions for user** : No special measures are required.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : Not available.

## SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

[EU Regulation \(EC\) No. 1907/2006 \(REACH\)](#)

[Annex XIV - List of substances subject to authorisation](#)

[Substances of very high concern](#)

None of the components are listed.

[National regulations](#)

**Chemical Safety Assessment** : No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

Indicates information that has changed from previously issued version.

### Abbreviations and acronyms

: ATE = Acute Toxicity Estimate  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EUH statement = CLP-specific Hazard statement  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RRN = REACH Registration Number  
vPvB = Very Persistent and Very Bioaccumulative

**Key literature references and sources for data** : - Manufacturer's Material Safety Data Sheet.

[Procedure used to derive the classification according to Regulation \(EC\) No. 1272/2008 \[CLP/GHS\]](#)

Classification	Justification
H302 - ACUTE TOXICITY: INHALATION Category 4. H314 - SKIN CORROSION/IRRITATION Category 1B. H400 - AQUATIC TOXICITY (ACUTE) Category 1.	

### Europe

**Full text of abbreviated H statements** : Not applicable.

**Full text of classifications [CLP/GHS]** : Not applicable.

**Full text of abbreviated R phrases** : Not applicable.

**Full text of classifications [DSD/DPD]** : C - Corrosive  
Xn - Harmful  
N - Dangerous for the environment

**Date of printing** : 3-2-2014.

**Date of issue/ Date of revision** : 3-2-2014.

**Date of previous issue** : 3-12-2009

**Version** : 1.01

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.